

ABSTRACT

MODIFIED PLASMID AND USE THEREOF

- 5     The present invention provides disclosure relates to a method for producing heterologous protein comprising including:
- 10                 (a) providing a host cell comprising a 2 $\mu$ m-family plasmid, the plasmid comprising a gene encoding a protein comprising the sequence of a chaperone protein and a gene encoding a heterologous protein;
- 15                 (b) culturing the host cell in a culture medium under conditions that allow the expression of the gene encoding the chaperone protein and the gene encoding a heterologous protein;
- (c) purifying the thus expressed heterologous protein from the cultured host cell or the culture medium.